

**DATA PUBLIKASI DI JURNAL NASIONAL TIDAK TERAKREDITASI
PROGRAM STUDI TEKNIK MESIN S1 FAKULTAS TEKNIK UNIVERSITAS PANCASILA**

TAHUN 2023/2024

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Pengaruh Integrasi Teg Terhadap Output Pltu Mikro Skala Lab	Scientica: Jurnal Ilmiah Sains dan Teknologi	Richard Joseph Siahaan, I Gede Eka Lesmana, Rovidia Camalia Hartantrie	http://jurnal.kolibi.org/index.php/scientica/article/view/1298
2	Analisis Perlakuan Temperatur Pada Limbah Kopi Terhadap Produksi Hidrogen	Kohesi: Jurnal Sains dan Teknologi	Bima Himawan, Abid Fahreza Alphanoda, Agri Suwandi	https://ejournal.warunayama.org/index.php/kohesi/article/view/2695
3	Peningkatan Pengetahuan Siswa MAN 2 Jepara Tentang Desa Wisata Tempur	Abdi Impelemtasi Pancasila	Dino Rimantho, Vector Anggit P, Agri Suwandi	https://journal.univpancasila.ac.id/index.php/abdi/article/view/5861
4	Penerapan Alat Bantu Pengaduk dan Manajemen Rantai Pasok untuk UMKM Pembuat Rendang	Berdikari: jurnal Pengabdian Masyarakat Indonesia (INPRESS)	Wina Libyawati , Dhidik Mahandika Mahandika, Erlanda Augupta Pane , Yulita Veranda Usman Usman	http://www.jurnaljpmi.com/index.php/jpmi/article/view/202

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1	Peningkatan Pemahaman Dalam Pengelolaan Sampah Melalui Bank Sampah Di Desa Tempur Kecamatan Keling	Jurnal Janata	Dino Rimantho, Budhi M Suyitno , Vector Anggit Pratomo, Gunady Haryanto, I Nyoman Teguh Prasadha, Nungky Puspita, Viola Rosa Emawardani, Adventia Desivolia, Pandito Adiguna, Muhammad Daffa Fauzan	https://journal.univpancasila.ac.id/index.php/JANATA/article/view/4255
2	Perbaikan Ekstraksi Produk Herbal	Jurnal Janata	Arif R Tatak , Yati Sumiyati, Rovidia Camalia Hartantrie , Yesi Desmiaty, Gumilar Adhi Nugroho	https://journal.univpancasila.ac.id/index.php/JANATA/article/view/4364
3	Peningkatan Pengetahuan Budidaya Maggot BSF Di Desa Tempur-Kec. Keling, Kabupaten Jepara	AMMA : Jurnal Pengabdian Masyarakat	Dino Rimantho, Budhi M Suyitno , Vector Anggit Pratomo, Gunady Haryanto, I Nyoman Teguh Prasadha, Nungky Puspita, Amalia Kusumawati, Guntur Setia A, Ardhika arli W, Najwa Orchdhya P	https://sisdam.univpancasila.ac.id/uploads/repository/hasil_review/Hasil_Review-22122022091257.pdf

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1	Analisis Perbandingan Emisi Gas Buang Bahan Bakar Biodiesel B30 Dan Solar Dexlite Pada Mesin Diesel R175A	ALMIKANIKA	I Gede Eka Lesmana, Rovidia Camalia Hartantrie, Edy Sunjaya	https://ejournal.uika-bogor.ac.id/index.php/ALMIKANIKA/article/view/7170
2	Inovasi Pengembangan Modul Digital Untuk Pendidikan Tinggi Melalui Kombinasi Metode 4D, Model Tomlinson Dan Chunking	Jurnal Janata	Reza Arahman, I Gede Eka Lesmana, Rovidia C. Hartantrie, Muhammad Nurtanto	https://journal.univpancasila.ac.id/index.php/JANATA/article/view/3544

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1	Proses Pembuatan Komposit Baja ASTM A 615 M Oxide Dispersed Strengthening (ODS) Berpenguat Alumina	Jurnal Syntax Admiration	Zamzam Sandy Pica; Syahbuddin; Eddy Djatmiko	https://jurnalsyntaxadmiration.com/index.php/jurnal/article/view/206

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Photocatalytic Scheme with External Magnetic Field on Coffee Waste in Hydrogen Production	Journal of Mechanical Engineering Science and Technology	Abid Fahreza Alphanoda , Eko Prasetyo, Wisnu Broto	https://journal2.um.ac.id/index.php/jmest/article/view/47485/12178
2	Theoretical Experiments on Road Profile Data Analysis using Filter Combinations	Automotive Experiences	Djoko W Karmiadji , M. Rosyidi, Tri Widodo, Harris Zaenal, Nofriyadi Nurdam, Andi M. Kadir, Sofwan Hidayat, Sahid Bismantoko, Nurhadi Pramana, Winarno Winarno	https://journal.unimma.ac.id/index.php/AutomotiveExperiences/article/view/9901
3	Analisis Heat Transfer Pada Radiator Engine L10-Hr15de Menggunakan Nanofluida Berbasis CFD (Computational Fluid Dynamic)	Teknobiz : Jurnal Ilmiah Program Studi Magister Teknik Mesin	Eko Prastyo Handayani , Djoko Wahyu Karmiadji	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6535
4	Analisis CFD Pengaruh Konfigurasi Sudu Rotor Turbin Angin Sumbu Vertikal Tipe Zephyr Dengan 16 Sudu Statis	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	Andra Mawan, Ismail	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5751
5	Increasing the feasibility and storage property of cellulose-based biomass by forming shape-stabilized briquette with hydrophobic compound	Case Studies in Chemical and Environmental Engineering	La Ode M Firman , Rizky Bayu Adji, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2666016423001482
6	Analisis Bahan Bakar BBM RON 90 dengan Bioaditif Serai Wangi pada Motor Bakar Empat Tak	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	Agung Nugroho, Budhi Muliawan Suyitno	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5750
7	Pengaruh Variasi Ukuran Celah Katup dengan Bahan Bakar Biodiesel (B35) Terhadap Emisi Gas Buang pada Mesin Diesel Tipe FE71PS 3908 cc	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	Budhi Muliawan Suyitno , Indra Chandra Setiawan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5754
8	Analisis Kinerja Pompa Sentrifugal dengan Perlakuan Resurfacing	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	Jabir Said, Dahmir Dahlan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5753

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9	Peningkatan Performa Termal Phase Change Material dengan Komposit Berbasis Parafin/High-Density Polyethylene Melalui Penambahan Carbon Nanotube	TURBO : Jurnal Program Studi Teknik Mesin	Dwi Rahmalina , Isnaini Choirul Miftahudin, Ismail	https://ojs.ummetro.ac.id/index.php/turbo/article/view/2813
10	Implementasi Teknologi Rumah Pengering Hybrid untuk Mendukung Proses Pengerangan Ikan di Desa Terapung, Buton Tengah	Bernas	Reza Abdu Rahman , Dwi Rahmalina , Agri Suwandi , Nia Rachmawati, Aulia Keiko H	https://ejournal.unma.ac.id/index.php/bernas/article/view/7386
11	Effect of Heat Treatment Temperature on Hardness of Jaw Implant Produced from EDM Die-Sinking Process	Asiimetrik	MFR Suharyanto, Yani Kurniawan	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/5784
12	Numerical Analysis of Gurney Flap Impact on NACA 4415 Airfoil Aerodynamics Performance	Asiimetrik	James Julian, Mirza Fauzan Lukiano, Fitri Wahyuni, Waridho Iskandar, Nely Toding Bunga	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/5722
13	Numerical Modelling of NACA 0015 Airfoil Under the Erosion Condition	Asiimetrik	Rayhan Fariansyah Billad, James Julian, Fitri Wahyuni, Waridho Iskandar, Nely Toding Bunga	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/5875
14	Effect of Heat Treatment Temperature on Hardness of Jaw Implant Produced from EDM Die-Sinking Process	Jurnal Asiimetrik: Jurnal Ilmiah Rekayasa dan Inovasi	M. F. R. Suharyanto , Yani Kurniawan	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/5784
15	Perancangan Mesin Pengupas Kulit Kabel Kapasitas 10kg/Jam	Teknobiz	Dhidik mahandika, Dwi Rahmalina , Teddy Setiawan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6534
16	Pemanfaatan Gas Buang (Syngas) Pada Proses Pirolisis Plastik Berkapasitas 10 kg	Teknobiz	La Ode M Firman , Angga Panji Satria Pratama	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6532
17	Optimasi Sudut Kemiringan Plafon Antara Pada Kemiringan Maksimal 15° Serta Penempatan Solar Cell Pada Bangunan Pengerang Kayu Kapasitas 120 m3	Teknobiz	Aribima Pratama, La Ode M. Firman	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6533

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18	Analisis Heat Transfer Pada Radiator Engine L10-Hr15de Menggunakan Nanofluida Berbasis CFD (Computational Fluid Dynamic)	Teknobiz	Eko Prastyo Handayani, Djoko Wahyu Karmiadji	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6535
19	Pengaruh Penerapan Idle Stop pada Kendaraan Roda 2 Terhadap Konsumsi Bahan Bakar dan Emisi di Kota Tangerang Selatan	Teknobiz	Jafar Wahid, Budhi Muliawan Suyitno , Indra Chandra Setiawan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6536
20	Pembuatan Mesin Penggiling Padi Sebagai Upaya Pemerataan Ekonomi Bagi Masyarakat Kampung Pasir Salam Kabupaten Bogor	RESWARA: Jurnal Pengabdian Kepada Masyarakat	Rovida Camalia Hartantrie, I Gede Eka Lesmana, Arif Riyadi Tatak K , Satrio Nur Utomo, Zouly Ficard Padorsi	https://jurnal.dharmawangsa.ac.id/index.php/reswara/article/view/3865

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1	Analisis Water Turbine Vortex Terhadap Daya dan putaran Optimum Yang Dihasilkan Pada Pembangkit Listrik Tenaga Piko Hidro	Jurnal Ilmiah Teknik Mesin	M Muryanto, Dede Lia Zariatn	https://ejournal.uika-bogor.ac.id/index.php/ame/article/view/5406
2	Pengaruh Material Elektroda Grafit dan Tembaga terhadap Material Removal Rate (MRR), Electrode Wear Rate (EWR) dan Kekerasan dalam Pembuatan Implan Rahang Menggunakan Dise-sinking EDM	Dinamika Teknik Mesin	Yani Kurniawan	https://ejournal.uika-bogor.ac.id/index.php/ame/article/view/7328
3	Rancang Bangun Generator Listrik Alternatif Bertenaga Baterai Dan Flywheel Untuk Kapal 3 Gt Nelayan Kreung Aceh	Buletin Jalanidhitah Sarva Jivitam	Juliardi Juliardi, Maimun Maimun, Dahmir Dahlan , Henry Iskandar Mardyantoro	http://ejournal-balitbang.kkp.go.id/index.php/JSJ/article/view/11325
4	Simulasi Modifikasi Gating System Pada Proses Pengecoran Dalam Pembuatan Boggie Wheel Tank AMX-13 Menggunakan Aplikasi SolidCast Untuk Meminimalisir Cacat Penyusutan (Shrinkage)	Teknobiz	Darwan Edyanto Saragih, Djoko Wahyu Karmiadji	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/4248

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5	Metode Pendinginan Cepat Proses Pendinginan pada Produk Hasil Proses Tempa	Teknobiz	Budhi Muliawan Suyitno , M Arifin Dwi Admoko, Reza Abdu Rahman, Ismail	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/4254
6	Performance of an Alternative Generator Powered by Battery and Flywheel For Light Fishing Boats 3 Gt Fishermen Krueng Aceh	Jurnal Bluefin Fisheries	Juliardi Juliardi, Maimun Maimun, Dahmir Dahlan , Darmawan, Barokah Barokah, M.Iqbal Himam	https://www.journal.poltekkp-bitung.ac.id/index.php/JBF/article/view/134
7	Thermal Analysis And Performance Of The Pyrolysis Function	TRAKSI	Richard Pardomuan Sinaga, I Gede Eka Lesmana	https://jurnal.unimus.ac.id/index.php/jtm/article/view/8643
8	Analisis Perpindahan Panas pada Sirkulasi Air Penyulingan Nilam dengan Tangki Bervolume 150 Liter	Asiimetrik	Zaky Assiddiqie, Nely Toding Bunga	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/3465
9	Perancangan Mesin Pembuat Tepung Jagung Kapasitas 5 kg/jam dengan Metode Pahl dan Beitz	Asiimetrik	Mohammad Galang Adi Prayoga, Dahmir Dahlan, Arif Riyadi Tatak	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4143
10	Aerodynamic Performance Improvement on NACA 4415 Airfoil by Using Cavity	Asiimetrik	James Julian, Waridho Iskandar, Fitri Wahyuni, Nely Toding Bunga	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4259
11	Analisis Kerusakan Pada Permukaan Roda Kereta Rel Listrik	Asiimetrik	Muhammad Ardiansyah, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4272
12	Evaluasi Ergonomi pada Kursi Roda untuk Anak Cerebral Palsy Menggunakan Digital Human Modeling	Asiimetrik	Dwi Rahmalina , Desinta Rahayu N, Nur Yulianti Hidayah, Agri Suwandi, Dede Lia Zariatin, I Gede Eka Lesmana Lesmana , Dhidik Mahandika, Susanto Sudiro	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4369
13	Modifikasi Mekanisme Penggerak Pada Modul Penggerak Concentrated Solar Power Tipe Parabolic Dish	Teknobiz	Dhidik mahandika, Dwi Rahmalina , Naufal Rifqi Ramadhan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/4848
14	Analisis Perbandingan Pemakaian Solar Cell dan Genset Sebagai Energi Alternatif Penggerak Motor Listrik Pada Pompa Air di Pabrik Pengolahan Kelapa Sawit	Teknobiz	Ebbit Purba, La Ode M. Firman	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/4849

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15	Pengaruh Pulse Current Terhadap Kekuatan Bending Implan Micro-Plate Hasil Dari Proses Edm Die-Sinking	Dinamika Teknik Mesin	Yani Kurniawan, J Janua, Bambang Sulaksono	http://dinamika.unram.ac.id/index.php/DTM/article/view/634
16	Pengembangan Komposit Matrik Epoxy Melalui Penambahan Penguat Serat Rami dan Fiberglass dengan Variasi 2 – 4 wt%	Teknobiz	Denny Kardiman, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5284
17	Pengembangan Material Bambu Untuk Pembuatan Bodi Speed Boat	Teknobiz	Andi Lamappasessu, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5291
18	Studi Kelayakan Jenis Baterai Kendaraan Listrik Roda Empat Dengan Metode Weigthed Objective Untuk Program Kendaraan Listrik Di Indonesia	Teknobiz	Rahayu, Djoko W. Karmiadi, La Ode M. Firman	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5292
19	Analisis Kekuatan Las Pada Sambungan Bejana Tekan Decolorizer	Teknobiz	Eko Prasetyo, Hasan Hariri, Rudi Hermawan, M. Reza Anarta Putra	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5293
20	Pengembangan Alat Desalinasi Air Laut dengan Teknologi Thermal Energy Storage	Asiimetrik	Muhammad Abdul Munir, Reza Abdu Rahman, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4499
21	The The Effect of Micro Geometry with Various Forms as Passive Flow Control in NACA 4415	Asiimetrik	James Julian, Rizki Aldi Anggara, Fitri Wahyuni, Nely Toding Bunga	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4678
22	Analysis of the Use of Bio Flap on NACA 4415 with Numerical Methods	Asiimetrik	James Julian, Saphira Anggraita Siswanto, Fitri Wahyuni, Nely Toding Bunga	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4768
23	Development of Data Acquisition System on an Arduino-Based Tensile Test Machine for Composite Materials	Asiimetrik	Dede Lia Zariatin, Yani Kurniawan, N.A Reza Afika	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4981
24	Efek Penambahan Penguat Serat Bambu Andong dan Serat Kaca pada Komposit untuk Aplikasi Badan Speed Boat	Asiimetrik	Daffa Alvian Iswandi, Andi Lamappasessu, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/5123
25	Peningkatan Daya Saing Umkm Produk Makanan Ringan Melalui Diseminasi Teknologi	Suluh	Agri Suwandi, Dwi Rahmalina, Susilawati, Endang Rudiatin	https://journal.univpancasila.ac.id/index.php/SULUH/article/view/4108

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26	Peningkatan Pengetahuan Pengelolaan Sampah Pada Masyarakat	Jurnal Masyarakat Mandiri	Dino Rimantho, Agri Suwandi , Vector Anggit Pratomo	https://journal.ummat.ac.id/index.php/jmm/article/view/16432

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1	Analisa Volume Ruang Bakar Turbin Gas Mikro Kapasitas 300w	Syntax Literate	Eko Prasetyo; Ivan Anindito Arista; Rudi Hermawan; Erlanda Augupta Pane	https://jurnal.syntaxliterate.co.id/index.php/syntax-literate/article/view/4542
2	Perancangan Mesin Pemilah Sampah Kapasitas 50 Kg/Jam	Syntax Literate	Tri Noviyanto; Eka Maulana; Eddy Djatmiko	https://www.jurnal.syntaxliterate.co.id/index.php/syntax-literate/article/view/4313
3	Perancangan Produk dan Proses Manufaktur Biodigester Tipe Fixed Dome untuk Rumah Mandiri Energi	JTERA	Agri Suwandi ; Nicko Deva H; Rizki Nuryadin; Eka Maulana; Budhi M. Suyitno	https://jtera.polteksmi.ac.id/index.php/jtera/article/view/565
4	Analisis Kinerja Mikro Turbin Gas Bahan Bakar LPG (Liquefied Petroleum Gas)	Rekayasa	Youssuf Qardhawi; Nurshofi Ghaffar; Eko Prasetyo; Rudi Hermawan; Erlanda Augupta Pane	https://journal.trunojoyo.ac.id/rekayasa/article/view/12230
5	Studi Eksperimental Sekam Padi sebagai Zat Campuran pada Komposit Termoplastik untuk Meningkatkan Sifat Isolator	Asiimetrik	Yulian Hanif, Agus Riyanto	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/3382
6	Characterization of the Co-Flow Jet Effect as One of the Flow Control Devices	Asiimetrik	James Julian, Waridho Iskandar, Fitri Wahyuni, Ferdyanto, Nely Toding Bunga	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/3437
7	Karakteristik Kekerasan Lasan Titik Gesekan dan Pengadukan pada Paduan Aluminium 5052-H112	Asiimetrik	Armansyah, Juri Saedon, Ferdyanto, Nely Toding Bunga , James Julian	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/3183
8	Analisis Kinerja Motor Terhadap Kerusakan Kompresor Tipe B-304 pada LRT Jakarta Seri 1100	Asiimetrik	Wahyu Hari Bagus, I Gede Eka Lesmana , Rovida Camalia Hartantrie	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/2429
9	Reducing the punch force in the circular punching process by preheating under the recrystallization temperature	Jurnal Sinergi	Yani Kurniawan ; Muslim Mahardika; M Haritsah Amrullah; Bambang Cahyadi	https://publikasi.mercubuan.ac.id/index.php/sinergi/article/view/11451

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10	Pemanfaatan Generator Elektrolizer Hydrogen Zinc Plate Untuk Sepeda Motor Injection 110 Cc	Teknobiz	Wawan Herwanto; Dwi Rahmalina ; Indra Chandra Setiawan	http://journal.univpancasila.ac.id/index.php/teknobiz/article/view/2900
11	Analisis Getaran Pengaruh Variabel Misalignment	Teknobiz	Azhari Akbar; Djoko W. Karmiadji	http://journal.univpancasila.ac.id/index.php/teknobiz/article/view/2901
12	Analisis Perpindahan Panas Fluida Pendingin Nanofluids Pada Aftercoller Dengan Computational Fluid Dynamics	Teknobiz	Asep Koswara; Djoko W. Karmiadji	http://journal.univpancasila.ac.id/index.php/teknobiz/article/view/2905
13	Pengaruh Penggunaan Lapisan PCM Parafin Grafit Sebagai Pendingin Terhadap Efisiensi Panel Surya Polycrystalline	Infotekmesin	Rovida Camalia Hartantrie , Ryann Argadiraksa, I Gede Eka Lesmana	https://scholar.google.com/scholar?hl=en&as_sdt=0,5&cluster=14941128487585340634
14	The Torrefaction Effect on The Sawdust Quality	Jurnal Keteknikan Pertanian	Erlanda Augupta Pane , I Gede Eka Lesmana , Rovida Hartantrie , Deni Rifki	https://jurnalpenyuluhan.ipb.ac.id/index.php/jtep/article/view/36562
15	Verification of urban light rail transit (LRT) bogie frame structure design lifetime under variable fatigue loads	Mechanical Engineering for Society and Industry	Djoko Wahyu Karmiadji , Budi Haryanto, Anwar Anwar, Budi Prasetyo, Yudi Irawadi, Abdul Rohman F, Isach WZ Karmiadji, Hijaz Ahmad	https://journal.unimma.ac.id/index.php/mesi/article/view/6938
16	Analisis Mechanical Properties API 5L X52 Pengelasan SMAW Pada Subsea Pipeline	Teknobiz	Bernard Christian Situmorang, Djoko W Karmiadji	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/3614
17	Analisis Variasi Pengelasan GTAW dan SMAW dengan Parameter Kuat Arus Listrik Pada Fabrikasi Pipa Flowline 4 Inch SCH 80	Teknobiz	Surya Satria Budi, Djoko W Karmiadji	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/3613
18	Desain Dan Analisis Numerik Ruang Bakar Briket Sampah Anorganik Untuk Pengaplikasian Pada Mikroturbin Gas	Jurnal Rekayasa Mesin	Erlanda A Pane , Eko Prasetyo, Rudi Hermawan , David H Gouwin	https://rekayasamesin.ub.ac.id/index.php/rm/article/view/1016
19	Analisa Kinerja Pengembangan Desain Posisi Ruang Bakar Mikroturbin Gas	Jurnal Teknologi	Eko Prasetyo, Rudi Hermawan , Erlanda Augupta Pane	https://jurnal.umj.ac.id/index.php/jurtek/article/view/9331

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20	Perancangan Konsep Mesin Mixer dan Press Serbuk Kayu yang Portable untuk Pembuatan Papan Partikel dengan Metode VDI 2221	Teknobiz	Bambang Sulaksono, Yani Kurniawan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/3621
21	Analisis Pengaruh Nanofluida Titanium Dioksida (TiO ₂) Terhadap Kinerja Fluida Dasar Pada Perpindahan Panas Pada Alat Penukar Panas Pipa Ganda	KALPIKA	Fadhli Aulia Syukri, Budhi M Suyitno	https://jurnalteknik.unkris.ac.id/index.php/kalpika/article/view/35
22	Potential of Bamboo as Car Roof Material	Asiimetrik	Dede Lia Zariatn; Josep Krisdiandi S; Dahmir Dahlan; Ralf Förster; Ziani Adriant	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/3644
23	Analisis Pengaruh Getaran Pompa Terhadap Aliran Fluida pada Proses Pemipaan Skala Laboratorium	Asiimetrik	I Gede Eka Lesmana; Febriani Chairunisa, Maria Putri Hartanto, Rovida Camalia Hartantrie	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/3461
24	Rancang Bangun Alat Pengering Cabai Skala Laboratorium Dengan Pemanfaatan Concentrated Solar Power	Asiimetrik	Dwi Rahmalina; Agri Suwandi, Diki Handika Edi, Reinnaldy Martonggo	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/3028
25	Rancang Bangun Alat Desalinasi Air Laut Skala Lab Tipe Multi Stage Flash	Journal of Mechanical Engineering and Applications	Dwi Rahamalina; Erlanda Augupta Pane; Raka Chandra H; Dio Pratama Dirgahayu P; Reza Abdu Rahman	https://journal.unesa.ac.id/index.php/jo/article/view/15581
26	Optimasi Sistem Pendingin Shell & Tube Tipe Helixchanger Untuk Genset Kapasitas 150 kVA	Teknobiz	Hernanda; Budhi Muliawan Suyitno	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/3197
27	Analisis Energi Panas pada Alat Pengering Kacang Mete	Teknobiz	La Ode M Firman; Budhi M Suyitno	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/3310
28	Effect of gasoline vaporizer tube (GVT) with magnetic field on spark-ignition engine: Investigation, discussion, and opinion	Mechanical Engineering for Society and Industry	Rani Anggrainy, Wegie Ruslan, Dede Lia Zariatn, Ramon A Gilart, Thaer Syam	https://journal.unimma.ac.id/index.php/mesi/article/view/7075

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29	Aplikasi Soil Stabilizer Untuk Jalan Desa Kiarasari Kecamatan Sukajaya, Kabupaten Bogor Dalam Upaya Meningkatkan Infrastruktur Daerah	Suluh : Jurnal Abdimas	Jonbi; AR Indra Tjahjani; Agri Suwandi ; Fadli Kurnia; Daral Suraedi, Farhan Rafliansyah, Moh Reza Fahlevi, Akhmad Jarkasi Matondang	https://journal.univpancasila.ac.id/index.php/SULUH/article/view/3162

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1	Pengembangan Alat Uji Tarik Dengan Beban Maksimal 2 Kn	Dinamika Teknik Mesin	Dede Lia Zariatini ; RM Kurniawan; N. Ikhsan	http://dinamika.unram.ac.id/index.php/DTM/article/view/371
2	Proses Simulasi Sistem Concentrated Solar Power Equipment	Asiimetrik	Arief Kurnia; Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/1874
3	Analisis Perbandingan Sistem Kinerja Motor Penggerak Pada Mobil Listrik Kapasitas 75 kWh	Asiimetrik	Indriawan Viantama; Budhi Muliawan Suyitno	http://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/2083
4	Analisis Efektivitas Alat Penukar Kalor Pelat Datar UFX-42H Terhadap Kebocoran Pelat Dalam Proses Elusi Emas	Asiimetrik	Annisa Sekarayu Permanajati; La Ode M. Firman	http://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/2163
5	Analisis Motor Listrik Tipe Synchronous dengan Metode Komputasi	Asiimetrik	James Julian; Fitri Wahyuni; Lomo Mula Tua; Nely Toding Bunga	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/1879
6	Analisis Pengaruh Turbine Washing Terhadap Efisiensi dan Daya Pembangkit Turbin Uap	Asiimetrik	Sagita Firza Nur; I Gede Eka Lesmana	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/2094
7	Perancangan Pembangkit Listrik Tenaga Angin dengan Turbin Angin Savonius Tipe-U untuk Kapasitas 100 W	Asiimetrik	Eka Maulana; Eddy Djatmiko ; Dhidik Mahandika; Roni Cahya Putra	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/2164
8	Analisis Kinerja Refuse Derived Fuel (RDF) Dari Sampah Organik Dan Non Organik Dengan Pendekatan Simulasi Software	Jurnal Teknologi	Eka Maulana; Agri Suwandi ; Dwi Rahmalina ; La Ode M. Firman ; Budhi M. Suyitno ; Dhidik Mahandika	https://jurnal.umj.ac.id/index.php/jurtek/article/view/8099

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9	Pengembangan Stirling Engine Tipe Piston Bebas Untuk Aplikasi Concentrated Solar Power (Csp)	Jurnal Teknologi	Dwi Rahmalina; I Gede Eka Lesmana; Agri Suwandi; Reza A. Rahman; Fikhi S. Ramadhan; Kevin A. Sugiyanto	https://jurnal.umj.ac.id/index.php/jurtek/article/view/8169
10	Perancangan Mesin Pembuka Kaleng Aerosol Untuk Kategori Limbah Bahan Berbahaya Dan Beracun (B3)	Jurnal Teknologi	Agri Suwandi; Azid Rizqi Al Afghani; Dede Lia Zariatn; Rosidi Rosidi	https://jurnal.umj.ac.id/index.php/jurtek/article/view/9255
11	Pengembangan Alat Penanggulangan Air Lindi Melalui Reaktor Biofilter	JTERA	AS Jemi jamhur; Dede Lia Zariatn	https://jtera.polteksmi.ac.id/index.php/jtera/article/view/486
12	Optimasi Rasio Konsentrasi Dish Engine Menggunakan Metode Root Cause Analysis	JTERA	Agri Suwandi; Teguh Prastyo; Dwi Rahmalina	https://jtera.polteksmi.ac.id/index.php/jtera/article/view/507
13	Rancang Bangun Bed Storage untuk Thermal Energy Storage Berbasis Parafin dan Serbuk Besi	JTERA	Agri Suwandi; Zulfikar Sjarief; Dwi Rahmalina; Reza Abdu Rahman	https://jtera.polteksmi.ac.id/index.php/jtera/article/view/506
14	Thermal Enhancement for Paraffinic Thermal Energy Storage by Adding Volcanic Ash	Jurnal Pendidikan Teknik Mesin	Dwi Chandra Adhitya; Dwi Rahmalina; Ismail; M Nurtanto; Hamid Abdillah	https://jurnal.untirta.ac.id/index.php/vanos/article/view/10990
15	Pengaruh Penggunaan Turbo Ventilator Pada Filter Case Terhadap Daya, Torsi Dan Emisi Gas Buang Sepeda Motor	Teknobiz	Rhama Mega Widya Putra; Djoko W Karmiadji	http://journal.univpancasila.ac.id/index.php/teknobiz/article/view/2036
16	Kajian Eksperimental Hybrid Energi Surya Dan Roda Gila Pada Suplai Energi Listrik Kapasitas 3 Kw	Teknobiz	Angga Setiawan Mesin; La Ode Mohamad Firman	http://journal.univpancasila.ac.id/index.php/teknobiz/article/view/2078
17	Optimasi Umur Mata Bor Melalui Proses Pelapisan Pada Pembuatan Lubang Baut Track Frame Dozer D85Ess-2	Teknobiz	Chairul Saleh Nasution; Dede Lia Zariatn	http://journal.univpancasila.ac.id/index.php/teknobiz/article/view/2040
18	Kajian Eksperimental Alat Pengering Surya Tipe Kabinet Dengan Rak Bergetar	Teknobiz	La Ode M Firman; Eka Maulana	http://journal.univpancasila.ac.id/index.php/teknobiz/article/view/2043
19	Analisis Water Turbin Vortex Terhadap Output Putaran Serta Daya Yang Dihasilkan Pada Pembangkit Listrik Tenaga Pico Hydro	Teknobiz	Topo Susilo; Dede Lia Zariatn	http://journal.univpancasila.ac.id/index.php/teknobiz/article/view/2463

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20	Pengaruh Karbon Aktif Dan Serbuk Tempurung Kelapa Matrik Aluminium Terhadap Kekerasan Brake Pad Komposit	Teknobiz	Yudi Purwa Tarsono; Dwi Rahmalina	http://journal.univpencasila.ac.id/index.php/teknobiz/article/view/2472
21	Analisa Pengaruh Pengoperasian Hph (High Pressure Heater) Pada Performa Pltu Pc 400 Mw	Teknobiz	Agus Salim; Budhi Muliawan Suyitno	http://journal.univpencasila.ac.id/index.php/teknobiz/article/view/2470
22	Pengembangan Bioaditif Getah Pohon Kamper Berbasis Nano Teknologi Pada Bahan Bakar Bensin Terhadap Performa Mesin Dan Emisi Gas Buang Pada Sepeda Motor	Teknobiz	Rully Arifin; Dahmir Dahlan	http://journal.univpencasila.ac.id/index.php/teknobiz/article/view/2467
23	Optimasi Design Apk Shell And Tube Memanfaatkan Gas Buang Untuk Pemanas Air Umpan Boiler	Teknobiz	Supriadi Supriadi; La Ode Mohamad Firman	http://journal.univpencasila.ac.id/index.php/teknobiz/article/view/2468
24	Analisis Kekuatan Rangka Pada Mesin Transverse Ducting Flange (TDF) Menggunakan Software Solidworks	Rekayasa	M. Naufal Ibnu Ridho; Eko Prasetyo; Rudi Hermawan ; Hasan Hariri; Erlanda Augupta Pane ; Istihara Ibnu Hajar	https://journal.trunojoyo.ac.id/rekayasa/article/view/8872
25	Analisis Performa Mesin Diesel Caterpillar 3196 5ED04240 Menggunakan Bahan Bakar Solar Dan Biosolar B20 Dengan Metode Eksperimental	Jurnal Mekanik Terapan	Nely Toding Bunga ; Wegie Ruslan; Yusuf Wibisono	http://jurnal.pnj.ac.id/index.php/jmt/article/view/3356
26	Pengaruh Laju Pendinginan Terhadap Penyusutan dan Dimensi Produk Isolasi Gasket Bahan Plastik Pom Pada Proses Cetakan Injeksi	Jurnal Teknologi	Syhabuddin; Tri Surawan; Rudy Yulianto; Nani Kurniawati; Aji Digdoyo; Eddy Djatmiko ; Angkit Sabekti	http://jurnalftijayabaya.ac.id/index.php/JTek/article/view/65
27	Perancangan Hrsg (Heat Recovery Steam Generator) Sebagai Pemanas Refrigerant R-134A Pada Siklus Organik Rankine Cycle	Dinamika : Jurnal Ilmiah Teknik Mesin	Dede Lia Zariatin ; A Nugroho; I Gede Eka Maulana ; Rovida Camalia Hartantrie	http://ojs.uho.ac.id/index.php/dinamika/article/view/12894

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28	Studi Simulasi Pengaruh dari Pitchdan Kecepatan Alir Fluida Kerja Terhadap Koefisien Perpindahan Panas Menyeluruhdi Conical Cavity Absorber	Teknobiz	Jusva A. Muslim; La Ode Mohammad Firman	http://journal.univpancasila.ac.id/index.php/Teknobiz/article/view/1760/1054
29	Analisis Karakteristik Material UHMPWE dan PEEK untuk Implan Sendi Pinggul	JTERA	Anwar Soefi Ibrahim, Tresna Priyana S; Agri Suwandi	https://jtera.polteksmi.ac.id/index.php/jtera/article/view/385
30	Perancangan Konsep Mesin Uji Keausan Komponen Prostesis Sendi Pinggul	JTERA	Tresna Priyana S; Anwar Soefi Ibrahim; Muhamad Lutvi; Agri Suwandi	https://jtera.polteksmi.ac.id/index.php/jtera/article/view/392

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Performance Analysis of 48-V LI-ION Battery Electrical Energy Consumption on E-bike 3 KW Capacity From Economic Side	Journal Online Jaringan COT POLIPD	Aleks Sander Siregar; Dahmir Dahlan	https://drive.google.com/file/d/1sQW_nlpHO2wJQ11ZdDBMTqqIIdgipCsp/view

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No	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Cross-Flow Flat-Plate Heat Exchanger Using Computational Fluid Dynamics Simulation on Wood Drying Chamber	Turkish Journal of Computer and Mathematics Education	La Ode M Firman; Abeth Novria Sonjaya; Budhi M Suyitno; Arif Riyadi Tatak	https://turcomat.org/index.php/turkbilmater/article/view/5602/4692
2	An Instrument for Assessing the Performance of University Research With a Gesi-Perspective	Advances in Social Sciences Research Journal	Mahsadi Said; Ismail; Maharani Ardi Putri; Dewi Trirahayu; Afandi Ismail	http://sisdam.univpancasila.ac.id/uploads/repository/lampiran/DokumenLampiran-05032021162024.pdf
4	Design of a Rotary System for Fish Smoking Equipment to Improve Smoking Efficiency with Smoke Filtration Method Using Cyclone Separator in Sorong West Papua	International Journal of Advanced Engineering Research and Science	Nurmansah; Maimun; Dahmir Dahlan	http://sisdam.univpancasila.ac.id/uploads/repository/lampiran/DokumenLampiran-01092021162539.pdf
5	Performance Analysis of 48-V LI-ION Battery Electrical Energy Consumption on E-bike 3 KW Capacity From Economic Side	Journal Online Jaringan COT POLIPD	Aleks Sander Siregar; Dahmir Dahlan	https://drive.google.com/file/d/1sQW_nlpHO2wJQ11ZdDBMTqqIIdgipCsp/view

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PROGRAM STUDI S1 TEKNIK MESIN FAKULTAS TEKNIK UNIVERSITAS PANCASILA**

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Dimensional Accuracy, Surface Roughness and Hardness Properties for Microplate Implants Manufacturing by EDM Die-Sinking Process	International Journal of Automotive and Mechanical Engineering	Yani Kurniawan, Dede Lia Zariatn, Pratik Suko Pangarsono, Bambang Cahyadi, Bambang Sulaksono	https://journal.ump.edu.my/ijame/article/view/9022
2	Preliminary characterization and thermal evaluation of a direct contact cascaded immiscible inorganic salt/high-density polyethylene as moderate temperature heat storage material	Results in Materials	Budhi Muliawan Suyitno, Rani Anggrainy, Nicco Plamonia, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2590048X2300081X
3	Hybrid energy-temperature method (HETM): A low-cost apparatus and reliable method for estimating the thermal capacity of solid-liquid phase change material for heat storage system	HardwareX	La Ode M Firman, Dwi Rahmalina, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2468067223001037
4	Maintaining high thermal response of carbon nanotubes after melting intensification in solid-liquid heat storage system	Carbon Trends	Dwi Rahmalina, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2667056923000494
5	Multi-output photoelectrochemical system based on Zn/ZnO using aqueous bismuth tea waste electrolyte to produce hydrogen and electricity	International Journal of Hydrogen Energy	Abid Fahreza Alphanoda, Winarto, Femiana Gapsari, Willy Satrio N, I.N.G. Wardana	https://www.sciencedirect.com/science/article/abs/pii/S0360319923050164
6	The Effect of Liquidus Aging on The Performance of Phase-Stabilized Wax with Solid Nano Additives	Metallurgical and Materials Engineering	Dwi Rahmalina, La Ode Mohammad Firman, Ismail, Reza Abdu Rahman	https://www.metall-mater-eng.com/index.php/home/article/view/1037
7	Charge Assessment for Nitrate-Based Salt as a Phase Change Material for a Medium-Temperature Latent Storage Tank	Latvian Journal of Physics and Technical Sciences	Ismail, Y. I. Widodo, R. A. Rahman	https://sciendo.com/article/10.2478/lpts-2024-0006
8	Circular Economy: Barriers and Strategy to Reduce and Manage Solid Waste in the Rural Area at Jepara District, Indonesia.	International Journal of Sustainable Development & Planning	Rimantho Dino; Budhi M Suyitno; Pratomo, Vector Anggit; Haryanto, Gunady; Prasadha, I. Nyoman Teguh; Puspita, Nungky	https://openurl.ebsco.com/EPDB%3Aagcd%3A15%3A27750415/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Aagcd%3A164074274&crl=c

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9	Evaluation Of The Operational Curve For Heat Storage Technology Using N-Octacosane/Lowdensity As A Binding Material	Eastern-European Journal of Enterprise Technologies	Reza Abdu Rahman; Sulisty; Kartono Tony Suryo Utomo, Mohamad Said; Dhewangga Putra, Robertus Dhimas	https://openurl.ebsco.com/EPD/B%3Agcd%3A9%3A29628249/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A177128064&crl=c
10	Impact of Top Mold Slope on Defect Formation in Gravity Casting of Aluminum Alloy	Annales de Chimie Science des Matériaux	Hidayat, Ahya; Dwi Rahmalina; Reza Abdu Rahman	https://openurl.ebsco.com/EPD/B%3Agcd%3A2%3A14013762/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A175889592&crl=c
11	The optional approach in recycling plastic waste for energy storage application: A detailed evaluation of stabilized-hexadecanoic acid/plastic	ScienceDirect	Reza Abdu Rahman, Sulisty, M.S.K.Tony Suryo Utomo, Robertus Dhimas Dhewangga Putra	https://www.sciencedirect.com/science/article/pii/S2666016424001452
12	Investigation of Vertical Axis Wind Turbine Performance with Savonius Rotor on Air Ejector Dimensions using Computational Fluid Dynamics	CFD Letters	Ismail, Rinawati, Imam Muzaki	https://semarakilmu.com.my/journals/index.php/CFD_Letters/article/view/3433

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1	An experimental study on the development of multipurpose biomass burner for cooking stove and thermal generator for household application	Acta Innovations	Budhi Muliawan Suyitno, Ismail, Reza Abdu Rahman	https://www.cceol.com/search/article-detail?id=1092951
2	Testing on Experimental Equipment for Wood Drying And Air Flow Simulation in the Wood Drying Industry in Indonesia	International Journal Of Special Education (IJSE)	Arif Riyadi Tatak, La Ode Mohammad Firman, Budhi M Suyitno	https://sisdam.univpancasila.ac.id/uploads/repository/hasil_review/Hasil_Review-16052023201814.pdf
3	Strategies to achieve controlled auto-ignition (CAI) combustion: A review	Mechanical Engineering for Society and Industry	Ibham Veza, Indra C Setiawan, La Ode M Firman, Handi Handi, Ayu Amanah, Mega T Kurnia, Permana A P, M Idris, Ahmed Sule, Anthony C Opia	https://journal.unimma.ac.id/index.php/mesi/article/view/7568
4	An open design for a low-cost open-loop subsonic wind tunnel for aerodynamic measurement and characterization	HardwareX	Ismail, Erlanda Augupta Pane, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2468067222000979

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5	Increasing the reliability of biomass solid fuel combustion using a combined regenerative heat exchanger as an indirect burner	Eastern-European Journal of Enterprise Technologies	Alwinskyah Tunggul Ismail, Ismail, Reza Abdu Rahman	https://journals.uran.ua/eejet/article/view/265803
6	The assessment of reflector material durability for concentrated solar power based on environment exposure and accelerated aging test	Eastern-European Journal of Enterprise Technologies	Budhi Muliawan Suyitno, Reza Abdu Rahman, Hendri Sukma, Dwi Rahmalina	https://journals.uran.ua/eejet/article/view/265678
7	Thermal Performance Assessment for an Active Latent Heat Storage Tank by Using Various Finned-Coil Heat Exchangers	International Journal of Heat & Technology	Ismail, M Syukur Liffan S, Reza Abdu Rahman	https://www.iieta.org/journals/ijht/paper/10.18280/ijht.400615
8	Increasing the charge/discharge rate for phase-change materials by forming hybrid composite paraffin/ash for an effective thermal energy storage system.	AIMS Materials Science	Budhi Muliawan Suyitno, Dwi Rahmalina, Reza Abdu Rahman	http://www.aimspress.com/aimspress-data/aimsmates/2023/1/PDF/materialsci-10-01-005.pdf
9	Thermal stress influence on the long-term performance of fast-charging paraffin-based thermal storage	Thermal Science and Engineering Progress	Reza Abdu Rahman, Azizul Hakim Lahuri, Ismail	https://www.sciencedirect.com/science/article/abs/pii/S2451904922003523
10	Advanced design of a small-scale mini gerotor pump in a high-temperature and high-viscosity fluid thermal system	Eastern-European Journal of Enterprise Technologies	Dede Lia Zariatn, Agri Suwandi	https://journals.uran.ua/eejet/article/view/272674
11	Evaluation on the Discharging Rate and State of Health of Paraffin/HDPE after 10,000 Thermal Cycling under Various Charging Speed.	International Journal of Heat & Technology	Budhi Muliawan Suyitno, Dwi Rahmalina, Ismail, Reza Abdu Rahman	https://www.iieta.org/journals/ijht/paper/10.18280/ijht.410110
12	Analysis of the thermal characteristics of the paraffin wax/high-density polyethylene (HDPE) composite as a form-stable phase change material (FSPCM) for thermal energy storage	Eastern-European Journal of Enterprise Technologies	Dwi Rahmalina, Almira Rahma Zada, Herni Soefihandini, Ismail, Budhi Muliawan Suyitno	https://journals.uran.ua/eejet/article/view/273437
13	Investigation of the Performance of a Centrifugal Pump Impeller Design with the Addition of a Junction Disc Plate	Periodica Polytechnica Mechanical Engineering	Erlanda Augupta Pane, Ferdy Hidayat, Hendri Sukma, Ismail	https://pp.bme.hu/me/article/view/21081

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14	Circular Economy: Barriers and Strategy to Reduce and Manage Solid Waste in the Rural Area at Jepara District, Indonesia	International Journal of Sustainable Development & Planning	Dino Rimantho, Budhi M Suyitno , Vector Anggit P, Gunady Haryanto, I Nyoman Teguh P, Nungky Puspita	https://www.iieta.org/journals/ij_sdp/paper/10.18280/ij_sdp.180407
15	The Development of Exhaust Fan Housing With Ceiling Mounting For High Rise Buildings by Using DEMA	Journal of Applied Engineering and Technological Science	Agri Suwandi , M Pillar R, Wina Libyawati , Januar Parlaungan S	https://yrpipku.com/journal/index.php/jaets/article/view/1675
16	Improving the performance of a small-scale cascade latent heat storage system by using gradual melting temperature storage tank	Case Studies in Thermal Engineering	Budhi Muliawan Suyitno , Ismail , Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2214157X23003404
17	Improving the operation and thermal response of multiphase coexistence latent storage system using stabilized organic phase change material	Results in Engineering	Budhi Muliawan Suyitno , Erlanda Augupta Pane , Dwi Rahmalina , Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2590123023003377
18	Superior Long-Term Performance of Composite Phase Change Material with High-Density Polyethylene under Thermal Aging Process	Revue des Composites et des Matériaux Avancés	Budhi Muliawan Suyitno , Dwi Rahmalina , Ismail , Reza Abdu Rahman	https://www.iieta.org/journals/rcma/paper/10.18280/rcma.330302
19	Development of free water knock-out tank by using internal heat exchanger for heavy crude oil	EUREKA: Physics and Engineering	Ismail , Ambar Tri Mulyanto, Reza Abdu Rahman	https://journal.eu-jr.eu/engineering/article/view/2502
20	The impact of thermal aging on the degradation of technical parameter of a dynamic latent thermal storage system	International Journal of Thermofluids	La Ode M Firman , Ismail , Dwi Rahmalina , Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2666202723001180

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1	Mechanical Properties of SiC/Gr Reinforced Hybrid Aluminum Composites after Heat Treatment	Materials Science Forum	Dwi Rahmalina , Hendri Sukma, Abdul Rokhim, Amin Suhadi	https://www.scientific.net/MSF.1042.111
2	Thermomechanical and Tribological Properties of SiC/Gr Reinforced Hybrid Aluminum Composite for Disc Brake Application	Wseas Transactions On Applied And Theoretical Mechanics	Dwi Rahmalina ; Hendri Sukma; Amin Suhadi	https://wseas.com/journals/mechanics/2021/a405111-433.pdf
3	Experimental Evaluation for the Catalytic Effect of Nickel in Micron Size on Magnesium Hydride	Wseas Transactions On Applied And Theoretical Mechanics	Dwi Rahmalina ; Reza Abdu Rahman ; Ismail	https://www.wseas.com/journal/mechanics/2021/a645111-460.pdf

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4	Experimental investigation on the effect of thermophysical properties of a heat transfer fluid on pumping performance for a convective heat transfer system	Journal of Thermal Engineering	Reza Abdu Rahman; Agri Suwandi ; Muhammad Nurtanto	https://dergipark.org.tr/en/pub/thermal/issue/65846/1025910
5	Increasing the rating performance of paraffin up to 5000 cycles for active latent heat storage by adding high-density polyethylene to form shape-stabilized phase change material	Journal of Energy Storage	Dwi Rahmalina ; Reza Abdu Rahman ; Ismail	https://www.sciencedirect.com/science/article/abs/pii/S2352152X21014353
6	Improving the phase transition characteristic and latent heat storage efficiency by forming polymer-based shape-stabilized PCM for active latent storage system	Case Studies in Thermal Engineering	Dwi Rahmalina ; Reza Abdu Rahman ; Ismail	https://www.sciencedirect.com/science/article/pii/S2214157X22000867
7	Improvement the performance of composite PCM paraffin-based incorporate with volcanic ash as heat storage for low-temperature application	EUREKA: Physics and Engineering	Dwi Rahmalina ; Dwi Chandra Adhitya; Reza Abdu Rahman ; Ismail	https://journal.eu-jr.eu/engineering/article/view/2055
8	Analyze Performance of Heat Exchanger by using Manual Calculation and Cfd Simulation	NVEO - Natural Volatiles & Essential Oils Journal	La Ode M Firman ; Supriadi; M. Yudi Solihin; Budhi M Suyitno	https://www.nveo.org/index.php/journal/article/view/1287
9	Analysis of Solar Power Plants with the Combination Systems of PV Module-Reflective Mirror	Wseas Transactions On Applied And Theoretical Mechanics	Budhi M Suyitno ; La Ode M Firman ; Erlanda Augupta Pane ; MI Kriba; Ismail	https://wseas.com/journals/articles.php?id=6560
10	Increasing the Energy Density and Power Ratio of a Staggered VAWT Wind Farm by using The Rotor's Diameter as a Reference	Wseas Transactions On Applied And Theoretical Mechanics	Budhi M Suyitno ; Reza Abdu Rahman ; Ismail ; Erlanda Augupta Pane	https://wseas.com/journals/articles.php?id=5612
11	The Influence of Thermal Oxidation on Hardness and Microstructure of Beta-Type Titanium Alloy Ti-29Nb-13Ta-4.6Zr (TNTZ)	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	Zuldesmi; Agri Suwandi ; Jemmy Charles Kewas; Maykel Manawan; Gunawarman; Mutsuo Niinomi; Toshikazu Akahori	https://semarakilmu.com.my/journals/index.php/fluid_mechanics_thermal_sciences/article/view/569

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Improving The Design of Parabolic Dish Engine by Adjusting the Focal Point for Indirect Illumination Receiver	International Journal of Applied Engineering Research	Reza Abdu Rahman Dwi Rahmalina , Octavian Yudhistira, Agri Suwandi	https://romanpub.com/resources/3.%20Revised%20-%20IJAER%20(Netherlands)%20-%20Manuscript%20-%20Dwi%20Rahmalina_pagenumber.pdf
2	An Effect Analysis of Cooling Water Direction Towards Condensate Oil From Scrap Tires	Eastern-European Journal of Enterprise Technologies	Budhi Muliawan Suyitno ; Erlanda Augupta Pane ; Wina Libyawati ; Catrine Jelita; Hendri Sukma; Ismail	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3843112
3	The optimal pitch distance for maximizing the power ratio for savonius turbine on inline configuration	International Journal of Renewable Energy Research-IJRRER	Ismail ; Reza Abdu Rahman ; Gunady Haryanto; Erlanda Augupta Pane	http://www.ijrer.ijrer.org/index.php/ijrer/article/view/11862
4	Experimental Evaluation for The Feasibility of Test Chamber in The Open-Loop Wind Tunnel	Wseas Transactions On Applied And Theoretical Mechanics	Ismail ; Johanis John; Erlanda Augupta Pane ; Rahman Maulana; Reza Abdu Rahman ; Agri Suwandi	https://wseas.com/journals/fluids/2021/a265113-304.pdf
5	Bogie Frame Structure Evaluation for Light-Rail Transit (LRT) Train: A Static Testing	Automotive Experiences	Djoko W Karmiadji ; Ogi Ivano; Abdul Rohman Farid; Budi Haryanto; Mustasyar Perkasa	https://journal.unimma.ac.id/index.php/AutomotiveExperiences/article/view/4252
6	A Better Approach for Modified Bach-Type Savonius Turbine Optimization	International Review of Aerospace Engineering	Ismail ; Erlanda Augupta Pane ; Gunady Haryanto; Tony Okviyanto; Reza Abdu Rahman	http://sisdam.univpancasila.ac.id/uploads/repository/lampiran/DokumenLampiran-23082021100021.pdf
7	Evaluation of Operational Loading of the Light-Rail Transit (LRT) in Capital Region; Indonesia	Automotive Experiences	Djoko W Karmiadji ; Anwar Anwar; Muchamad Gozali; Muji Setiyo; Ramli Junid; Hedi Purnomo	http://journal.ummgl.ac.id/index.php/AutomotiveExperiences/article/view/3882
8	The recent development on MgH ₂ system by 16 wt% nickel addition and particle size reduction through ball milling: A noticeable hydrogen capacity up to 5 wt% at low temperature and pressure	International Journal of Hydrogen Energy	Dwi Rahmalina ; Reza Abdu Rahman ; Agri Suwandi ; Ismail	https://www.sciencedirect.com/science/article/abs/pii/S0360319920328366
9	Computational fluid dynamics simulation of the turbulence models in the tested section on wind tunnel	Ain Shams Engineering Journal	Ismail ; Johanis John; Erlanda Augupta Pane ; Budhi M. Suyitno ; Gama Harta Nugraha; Damora Rhakasywi; Agri Suwandi	https://www.sciencedirect.com/science/article/pii/S2090447920300484
10	Cross-Flow Flat-Plate Heat Exchanger Using Computational Fluid Dynamics Simulation on Wood Drying Chamber	Turkish Journal of Computer and Mathematics Education	La Ode M Firman ; Abeth Novria Sonjaya; Budhi M Suyitno ; Arif Riyadi Tatak	https://turcomat.org/index.php/turkbilmater/article/view/5602/4692

**DATA PUBLIKASI DI SEMINAR NASIONAL
PROGRAM STUDI TEKNIK MESIN S1 FAKULTAS TEKNIK UNIVERSITAS PANCASILA**

Tahun 2023/2024

No	Nama	Judul	Nama Forum	Url
1	Hary Soebagyo, Arif Riyadi T. K	Konsep Desain Keandalan Gerbong Kereta Api Sebagai Dukungan Untuk Sarana Transportasi Perkotaan Yang Aman dan Berkelanjutan	Semrestek 2023	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/498
2	Dwi Wicaksono, Dede Lia Zariatini, Yani Kurniawan	Perancangan Dan Proses Manufaktur Cetakan Material Komposit Serat Bambu Sesuai Dengan ASTM D3039 Dan ASTM D638	Semrestek 2023	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/500

Tahun 2022/2023

No	Nama	Judul	Nama Forum	Url
1	Hary Soebagyo, Djoko W Karmiadi, Arief Riyadi T. K, Erlanda Augupta Pane	Pemilihan Bahan Poros Transmisi Menggunakan Metode Simple Additive Weighting	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/481
2	La Ode M. Firman, Hafiz Aditya Hendaru	Studi Eksperimental Refused Derived Fuel (RDF) dari Sampah di Tempat Pembuangan Akhir Penujah Kabupaten Tegal Sebagai Bahan Bakar Kompor RDF	Semrestek 2022	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/449

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No	Nama	Judul	Nama Forum	Url
1	Aulia Djasman; Rudi Hermawan	Analisa Performa Kompresor Sentrifugal C160R Sebelum dan Setelah Overhaul	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/441
2	Sony Kurniawan; Budhi M Suyitno	Analisis Penggunaan Daya Listrik Panel Surya Pada Gedung Parkir Motor	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/440
3	Reygar Dwi Ilham; I Gede Eka Lesmana	Perancangan Mesin Penyuling Limbah Ikan Patin Menjadi Minyak Ikan	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/435
4	Agus Riyanto; Arif Riyadi Tatak; Toriq Ali	Analisa Pengujian Destructive test pada Pengelasan Sambungan Pipa API X52 dengan Standar API-1104	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/429
5	Agus Riyanto; Iqbal Rahmadhian P; Fadhil Ronaldinho; Ricky Fauzi	Rancang Bangun Mesin Barel Polishing untuk Joint Brake Arm dengan Media Sekam Padi	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/417
6	Nur Rachmat; I Gede Eka Lesmana	Perancangan Mesin Pencacah Sampah Tangkai Bunga	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/419

No	Nama	Judul	Nama Forum	Url
7	Eka Maulana; Eddy Djatmiko; Irsyal Ismail	Perancangan Mesin Pres Pupuk Organik dengan Kapasitas 50 kg per jam	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/421
8	Hary Soebagyo; Djoko W Karmiadji; Ira Nurhayati Djarot; Arif Riyadi Tatak	Pemanfaatan Metode Delphi untuk Membangun Konsensus Prioritasi Topik Riset: Kasus Teknologi Transportasi	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/424
9	Hary Soebagyo; Nely Toding Bunga; Arif Riyadi Tatak; Evi Rosana Oktarini; Entin Laelasari	Valuasi Hasil Riset Teknologi Transportasi Menggunakan Metode Pembombotan	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/426
10	Ahmad Sahlul Khuluq; Erlanda A Pane	Analisis Penggantian Bandase Roda Kereta LRT Jakarta Seri 1100	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/427
11	Fathur Maulana; I Gede Eka Lesmana	Analisis Peningkatan Efektivitas Alat Penukar Kalor Tipe Plat Setelah Pembersihan Pada Sistem Oli Pendingin Turbin	Semnastera	https://semnastera.polteksmi.ac.id/index.php/semnastera/article/view/247
12	Petrus Nainggolan; I Gede Eka Lesmana; Rovida Camalia H	Analisis Pengaruh Pelumas Berdasarkan Viskositas Terhadap Konsumsi Bahan Bakar, Daya, Dan, Torsi Pada Motor 150 Cc	Koncenin Serial Konferensi	http://publikasi.kocenin.com/index.php/pakar/article/view/169
13	Ismail; Nur Taufik	Rancang Bangun Prototipe Pompa Piston Aksi Tunggal untuk PLTGAL Skala Laboratorium	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/437
14	Rahmat Evan Rinaldo; La Ode M Firman	Pengaruh Kerusakan Thrust Bearing Turbin Air Terhadap Suhu Unit 4 pada PLTA Maninjau	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/416
15	Arfan Megi; Agri Suwandi	Konsep Desain Mesin Pencetak Block Briket Refuse Derived Fuel (RDF) Sampah Organik	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/428
16	Faisal Azhari; Dede Lia Zariatn	Rancang Bangun Alat Ukur Tinggi Automatic Tight-Lock Coupler Kereta Mrt Jakarta Berbasis Arduino	Semnastera	https://semnastera.polteksmi.ac.id/index.php/semnastera/article/view/194
17	Dimas Tito N F; Agri Suwandi; Dwi Rahmalina; Endang R	Perancangan Konsep Mesin Pengolah Multi Produk Buah Pisang	Semnastera	https://semnastera.polteksmi.ac.id/index.php/semnastera/article/view/274
18	Muhammad Aji Luhur Wiguna; Budhi M. Suyitno	Analisa Rancangan Sistem Pemipaan Dari Bejana Tekan Ke Bejana Lainnya Berdasarkan Stress Analysis Dengan Pendekatan Caesar II	Koncenin Serial Konferensi	http://publikasi.kocenin.com/index.php/pakar/article/view/157

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No	Nama	Judul	Nama Forum	Url
1	Febriansyah Rangga; Dwi Rahmalina; Hendri Sukma	Rancang Bangun Alat Uji Pengereman Skala Laboratorium	Seminar Nasional Penelitian	https://jurnal.umj.ac.id/index.php/semnaslit/article/view/7426

No	Nama	Judul	Nama Forum	Url
2	Ismail Suhidin, Eddy Djatmiko , Eka Maulana	Perancangan Mesin Pencacah Plastik Kapasitas 75 Kg/Jam	Seminar Nasional Penelitian	https://jurnal.umj.ac.id/index.php/semnaslit/article/view/7802
3	Dede Lia Zariatini ; I Gede Eka Lesmana ; Rovida Camalia H ; Farid Setyo Raharjo	Analisis Sistem Kerja Termal Heat Recovery Steam Generator pada Gabungan Siklus Rankine Organik dan Siklus Minyak Termal	Seminar Nasional Teknologi dan Riset Terapan	https://semnastera.polteksmi.ac.id/index.php/semnastera/article/view/52
4	Andi Hakim. W; I Gede Eka Lesmana ; Nafsan Upara	Pengaruh Penggunaan Biodiesel B30 Terhadap Pompa Bahan Bakar Mesin Diesel Jiang FA R175a	Seminar Nasional Hasil Penelitian dan PkM	http://senapenmas.untar.ac.id/images/file/prosiding/2020/Prosiding%20SENAPENMAS%202020%20r.pdf
5	Dede Lia Zariatini ; M Alfian Ravizqi; Ansor Salim Siregar	Analisis Pengaruh Waktu Perebusan Serat Bambu Apus (Gigantochloa Apus) Pada Larutan NaOH Terhadap Beban Tarik	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/390
6	Lutfi Gangsar P; Dahmir Dahlan ; Eka Maulana	Analisis Energi Yang Dihasilkan Pada Pembangkit Listrik Tenaga Magnet Dengan Konsep V-Gate	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/367
7	Ridwan Sinaga, Dahmir Dahlan , Eka Maulana	Perancangan Pembangkit Listrik Tenaga Magnet Dengan Kapasitas 100 Watt	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/366
8	Hanief Rizki Akmal, Dwi Rahmalina	Proses Pembuatan Rangka Konstruksi Concentrated Solar Power Skala Laboratorium Tipe Ground Base	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/377
9	Rezal Arby Handoko, La Ode M. Firman	Analisis Perhitungan Heat Exchanger Jenis Plate – Frame Pada Intercooler Dengan Jenis Shell And Tube	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/369
10	Eko Prasetyo; Rudi Hermawan ; Istihara Ibnu Hajar; M Naufal Ibnu Ridho	Perakitan Mesin Transverse Ducting Flange (TDF)	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/378
11	Hary Soebagyo ; Hernadi Hernadi	Porositas Dan Penetrasi Tidak Sempurna Di Area Bawah Lasan Pada Sambungan Las Aluminium Struktur Kereta Api Ringan	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/375
12	Rino Gustoro; I Gede Eka Lesmana ; Nely Toding Bunga	Analisis Unjuk Kerja Mesin Diesel Jiang Fa R 175 Dengan Menggunakan Bahan Bakar B30	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/370
13	I Gede Eka Lesmana ; Reyhan Rahman	Perancangan Mesin Pengurai Sabut Kelapa Menjadi Cocopeat	Seminar Rekayasa Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/385
14	Rinjaya Teguh Susilo, Rudi Hermawan	Analisa Kapasitas Pendingin Pada Ruang Dome Quality Inspection Appearance di PT XXX	Seminar Rekasaya Teknologi	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/372

**PUBLIKASI DI SEMINAR INTERNASIONAL
PROGRAM STUDI TEKNIK MESIN S1 FAKULTAS TEKNIK UNIVERSITAS PANCASILA**

TAHUN 2023/2024

No	Nama Dosen	Judul	Nama Forum	URL
1	Reza Abdu Rahman; Jalalludin Asyafii; Hendri Sukma; Budhi Muliawan Suyitno; Dwi Rahmalina	Surface degradation on the solid-state and sheet-based reflector for concentrated solar power application under Indonesia climate	2ND International Conference On Technology, Informatics, And Engineering	https://pubs.aip.org/aip/acp/article-abstract/2927/1/040004/327917/5/Surface-degradation-on-the-solid-state-and-sheet?redirectedFrom=fulltext
2	Dwi Rahmalina; Mohamad Abi Aufa; Adhifa Zhikri Audia; Ismail; Reza Abdu Rahman; Hendri Sukma	The effect of high-density polyethylene (HDPE) ratio on the supercooling degree of composite paraffin/HDPE	International Conference On Design, Energy, Materials And Manufacture	https://pubs.aip.org/aip/acp/article-abstract/3053/1/020011/328665/7/The-effect-of-high-density-polyethylene-HDPE-ratio
3	Agustan Agustan; Djoko W Karmiadji; Hary Soebagyo; Oni Bibin B. Intoro; Ira Nurhayati Djarot; Hasan Soleh; Aris Irawan; Mega Novetrishka Putri	Applying TASDA framework and scenario planning for Indonesian maritime research industry in 2045	International Conference On Engineering And Computer Science	https://pubs.aip.org/aip/acp/article-abstract/3109/1/030016/328217/8/Applying-TASDA-framework-and-scenario-planning-for
4	Ira Nurhayati Djarot; Himawan Adinegoro; Lamhot P. Manalu; Hary Soebagyo; Djoko W Karmiadji	Foresight technology using Delphi method for long-term transportation sector research planning	International Conference On Engineering And Computer Science	https://pubs.aip.org/aip/acp/article-abstract/3109/1/030008/328217/0/Foresight-technology-using-Delphi-method-for-long
5	Oni Bibin Bintoro; Agustan; Mega Novetrishka P; Aris Irawan; Djoko W Karmiadji; Hary Soebagyo; Ira Nurhayati Djarot; Hasan Soleh	Consensus on priority research themes: Utilizing the modified Delphi method for Indonesia foresight's 2045 disaster research topic	International Conference On Engineering And Computer Science	https://pubs.aip.org/aip/acp/article-abstract/3109/1/030015/328217/7/Consensus-on-priority-research-themes-Utilizing
6	Nurhadi Pramana; Nofriyadi Nurdam; Tri Widodo; Winarno; Fithri Nur; M Rosyidi; Sahid Bismantoko; Harris Zenal; Hassanudin Aziz; Andi Muhdiar Kadir; Djoko W Karmiadji	Experimental and numerical analysis of crack propagation material Al 2024 under spectrum load	5Th International Seminar On Metallurgy And Materials	https://pubs.aip.org/aip/acp/article-abstract/3003/1/020034/326759/6/Experimental-and-numerical-analysis-of-crack?redirectedFrom=fulltext
7	Firmansyah Azharul; M. Dwi Trisno; Dahmir Dahlan; Wilarso Wilarso	Optimization of the type-L savonius wind turbine design	5Th International Conference On Engineering And Applied Technology	https://pubs.aip.org/aip/acp/article-abstract/2702/1/040013/292513/7/Optimization-of-the-type-L-savonius-wind-turbine?redirectedFrom=fulltext

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No	Nama Dosen	Judul	Nama Forum	URL
1	Agri Suwandi; Hendra Wijaya, Farhan Zulfikar, Eka Maulana, Rudi Hermawan; Deny Juniansyah	A simulation approach with computational fluid dynamics analysis to optimization of heat flow on herbal drying machine	The 3rd Borobudur International Symposium 2021	https://ebook.unimma.ac.id/index.php/up/catalog/view/35/36/137

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No	Nama Dosen	Judul	Nama Forum	URL
1	Dede Lia Zariatn; Tri Murniati; Dwi Antoro	Analysis of Gravitational Water Vortex Turbine Performance	International Conference on Engineering and Information Technology for Sustainable Industry	https://dl.acm.org/doi/abs/10.1145/3429789.3429862?casa_token=hBuYuiJl9I0AAAAA:x6DY1aJKDZ0j9YtHsYSxELeCduWuvFzUQ1D2e10yN22PkIHaTLQr6oDLFmowErnVPnNYtI-wXwKrg
2	Tresna P. Soemardi, Agri Suwandi, Anwar Soefi Ibrahim	Simulation Experiment to Predict the Critical Friction Area of Acetabular Liner Component on Hip Joint Replacement Implant During Movement	2 nd Borobudur International Symposium on Science and Engineering (BIS-STE) 2020	https://www.atlantispress.com/article/125959906.pdf
3	Dede Lia Zariatn, Ansor S Siregar, Agri Suwandi, R Foster	The effect of chemical extraction with heat on the bamboo fibre strength	The 1st Universitas Lampung International Conference on Science, Technology and Environment	https://iopscience.iop.org/article/10.1088/1755-1315/739/1/012070/meta

PUBLIKASI MEDIA MASSA
PROGRAM STUDI TEKNIK MESIN S1 FAKULTAS TEKNIK UNIVERSITAS PANCASILA

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No	Nama	Judul	Media Massa	Tanggal Terbit	Link
1	Wina Libyawati; Bambang Sulaksono; Dhidik Mahandika; Yulita Veranda Usman	Alat Bantu Pembuatan Rendang (AMBUDA) untuk Peningkatan Produktivitas dan Kualitas Hasil dari UMKM di Wilayah Depok	ANTARA News Megapolitan	14-Dec-23	https://megapolitan.antaranews.com/berita/272058/up-desiminasi-alat-pembuat-rendang-dan-latih-rantai-pasok-usaha-mikro

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No	Nama	Judul	Media Massa	Tanggal Terbit	Link
1	Agri Suwandi; Dwi Rahmalina; Susilawati; Agung Nugraha; Dwi Bambang Setyawan	Peningkatan Daya Saing UMKM Produk Makanan Ringan Wilayah Cileungsi Melalui Diseminasi Teknologi Mesin Pengolah Multi Proses Bahan Dasar Dan Penerapan Digital Economy	ANTARA News Megapolitan	17 Okt 22	https://megapolitan.antaranews.com/berita/216673/universitas-pancasila-menjadi-pembangkit-daya-saing-umkm-produk-makanan-ringan
2	Budhi M. Suyitno; Dino Rimantho; Vector Anggit Pratomo; Gunady Haryanto; I Nyoman Teguh P; Nungky Puspita	Green Circular Economy Solusi Pengendalian Pencemaran Lingkungan di Desa Tempur Kecamatan Keling Kabupaten Jepara	Media Indonesia	12-Nov-22	https://mediaindonesia.com/nusantara/536981/tim-up-dampingi-pengelolaan-limbah-berbasis-bank-sampah-di-jepara
3	Dwi Rahmalina; Agri Suwandi; Nur Yulianti H; Dhidik Mahendra; I Gede Eka Lesmana	Pengembangan Produk Inovasi Kursi Roda Penyandang Disabilitas Tipe Beta Menuju Hilirisasi untuk Menunjang Kemandirian Kesehatan	ANTARA News Megapolitan	12-Aug-23	https://megapolitan.antaranews.com/berita/255039/tim-wheelchair-ftup-perkenalkan-prototipe-beta-kursi-roda-penyandang-disabilitas

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No	Nama	Judul	Media Massa	Tanggal Terbit	Link
1	Dwi Rahmalina	Pengelolaan Sampah Pasar Tradisional Lenteng Agung Sebagai Upaya Pengendalian Pencemaran Lingkungan	ANTARA	28-Dec-21	https://www.antaranews.com/berita/2611225/up-beri-pelatihan-pembuatan-eco-enzym-dari-sampah-organik

No	Nama	Judul	Media Massa	Tanggal Terbit	Link
2	Dwi Rahmalina	Pengelolaan Sampah Pasar Tradisional Lenteng Agung Sebagai Upaya Pengendalian Pencemaran Lingkungan	VIVA	28-Dec-21	https://www.viva.co.id/edukasi/1435943-universitas-pancasila-beripelatihan-pengelolaan-sampah-pasar
3	Teknik Mesin	Mesin Pancasila Bina Desa - Kampung Pasir Salam Desa Leuwi Sadeng, Bogor	Liputan Bogor	27-May-22	https://www.liputanbogor.com/himpunan-mahasiswa-mesin-universitas-pancasila-tetap-konsisten-bantu-warga-desa/
4	Teknik Mesin	Mesin Pancasila Bina Desa - Kampung Pasir Salam Desa Leuwi Sadeng, Bogor	Tribun news Bogor	27-May-22	https://bogor.tribunnews.com/2022/05/27/turun-ke-kampung-himpunan-mahasiswa-mesin-universitas-pancasila-ikut-bangun-desa-di-pelosok-bogor
5	Teknik Mesin	Mesin Pancasila Bina Desa - Kampung Pasir Salam Desa Leuwi Sadeng, Bogor	Detik Kasus	27-May-22	https://detikkasus.com/himpunan-mahasiswa-mesin-universitas-pancasila-mengabdike-kampung-pasir-salam/
6	Teknik Mesin	Mesin Pancasila Bina Desa - Kampung Pasir Salam Desa Leuwi Sadeng, Bogor	Fakta Jabar	27-May-22	https://www.faktajabar.co.id/2022/05/27/himpunan-mahasiswa-mesin-universitas-pancasila-konsisten-mengabdike-masyarakat/

Tahun 2020/2021

No	Nama	Judul	Media Massa	Tanggal Terbit	Link
1	Dwi Rahmalina	Pengelolaan Sampah Pasar Tradisional Lenteng Agung Sebagai Upaya Pengendalian Pencemaran Lingkungan	ANTARA News Megapolitan	08-Jun-21	https://megapolitan.antaranews.com/foto/142714/ftup-hibahkan-alat-pencacah-sampah-untuk-pasar-lenteng-agung